

CLAIMS

1. A cosmetic treatment process for improving and/or for protecting the dermal/epidermal junctions of the skin, scalp and mucosa, characterized in that a preparation containing at least one substance which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan is topically applied.
2. The use of a substance which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan for the production of cosmetic preparations for improving and/or for protecting the dermal/epidermal junctions of the skin, scalp and mucosa.
3. The use of a substance which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan for the production of cosmetic preparations for protecting the skin against ageing.
4. The use of a substance which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan for the production of cosmetic preparations for protecting the skin, scalp and mucous membrane against toxic environmental influences.
5. The use of a substance which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan for the production of cosmetic preparations for protecting the skin, scalp and mucous membrane against UV light.
6. The use of a substance which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan for the production of cosmetic preparations against oxidative stress.
7. The use of a substance which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan for the production of cosmetic preparations against hair loss and for improving the properties of hair.
8. The use claimed in at least one of claims 2 to 7, characterized in that the substance is a plant extract which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan.

9. The use claimed in claim 8, characterized in that the extract is obtained from the plant *Pisum sativum*, *Ruscus aculeatus*, *Centella asiatica*, *Calendula officinalis*, *Aesculus hippocastanum* and/or *Hibiscus esculentus*.

5 10. The use claimed in at least one of claims 2 to 7, characterized in that the substance is selected from the group consisting of mannitol, cyclodextrin, yeast extract, panthenol, propylene glycol, ammonium, glycyrrhizate and disodium succinate, low molecular weight polypeptides.

10 11. Cosmetic preparations containing at least one substance which effects a modulation of plectin/HD1 and/or entactin/nidogen and/or perlecan, UV protection factors and/or antioxidants.